

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A yeast cell containing the *SRBI/PSA1* gene and the *PKC1* gene each operatively linked to a heterologous inducible promoter.
2. (Original) The yeast cell according to claim 1 wherein the yeast cell is a strain of *Saccharomyces cerevisiae*.
3. (Original) The yeast cell according to claim 1 wherein the yeast cell is a strain of *Pichia pastoris*, *Hansenula polymorpha* or *Kluyveromyces lactis*.
4. (Previously Presented) The yeast cell according to claim 1 wherein at least one of the genes is operatively linked to a methionine regulated promoter.
5. (Original) The yeast cell according to claim 4 wherein the methionine regulated promoter is *pMET3*.
6. (Currently Amended) The yeast cell according to claim 5 wherein the said *PKC1* gene operatively linked to an inducible promoter is the *PKC1* gene and operatively

linked inducible promoter of derived from a the recombinant vector selected from pRS316-p*MET3-PKC1*, pRS316-F<sub>1</sub>F<sub>2</sub>-p*MET3-PKC1* or pRS316-F<sub>1</sub>F<sub>2</sub>-TRP1-p*MET3-PKC1*.

7. (Currently Amended) The yeast cell according to claim 5 wherein the said *SRB1/PSA1* gene operatively linked to an inducible promoter is the *SRB1/PSA1* gene and operatively linked inducible promoter of derived from the recombinant vector SRB1.9e.

8. (Currently Amended) The yeast cell according to claim 7 wherein the said *PKC1* gene operatively linked to an inducible promoter is the *PKC1* gene and operatively linked inducible promoter of derived from a the recombinant vector selected from pRS316-p*MET3-PKC1*, pRS316-F<sub>1</sub>F<sub>2</sub>-p*MET3-PKC1* or pRS316-F<sub>1</sub>F<sub>2</sub>-TRP1-p*MET3-PKC1*.

9. (Previously Presented) A method of regulating yeast cell lysis comprising:
- (i) growing yeast cells containing the *SRB1/PSA1* gene and the *PKC1* gene each operatively linked to an inducible promoter in a growth medium which activates the inducible promoter such that *SRB1/PSA1* and *PKC1* are expressed from said cells; and

- (ii) when lysis is required, growing the cells in a modified growth medium which represses *SRBI/PSAI* and *PKCI* expression such that cell lysis is induced.

10. (Previously Presented) The method according to claim 9 wherein the yeast cells contain the *SRBI/PSAI* gene and the *PKCI* gene each operatively linked to a heterologous inducible promoter.

11. (Previously Presented) The method according to claim 9 wherein the inducible promoter is *pMET*, the growth medium is methionine-free and the modified growth medium contains methionine.

12. (Original) The method according to claim 11 wherein the modified medium contains from between 0.05mM and 20mM methionine.

13. (Previously Presented) A method of isolating protein from yeast cells comprising growing cells and inducing lysis according to claim 9 and separating the protein released from the lysed yeast cells from yeast cell debris / ghosts.

14. (Currently Amended) The method according to claim 13 for isolating recombinant proteins expressed ~~ex-pressed~~ from genetically engineered yeast cells.

15. (Withdrawn) A method of regulating yeast cell flocculation comprising:
- (i) growing yeast cells containing the *PKC1* gene operatively linked to an inducible promoter in a growth medium which activates the inducible promoter such that *PKC1* is expressed; and
  - (ii) when flocculation is required, growing the cells in a modified growth medium which represses *PKC1* expression such that flocculation is induced.
16. (Withdrawn) The method according to claim 15 wherein the yeast cells are a strain of *Saccharomyces cerevisiae*
17. (Withdrawn) The method according to claim 15 wherein the yeast cells are a strain of *Pichia pastoris*, *Hansenula polymorpha* or *Kluyveromyces lactis*.
18. (Withdrawn) The method according to claim 15 wherein the *PKC1* gene is operatively linked to a methionine regulated promoter.
19. (Withdrawn) he method according to claim 18 wherein the methionine regulated promoter is *pMET3*.

20. (Withdrawn) The method according to claim 19 wherein the yeast cells contain the *PKC1* gene operatively linked to *pMET3* derived from a recombinant vector selected from *pRS316-pMET3-PKC1*, *pRS316-F<sub>1</sub>F<sub>2</sub>-pMET3-PKC1* or *pRS316-F<sub>1</sub>F<sub>2</sub>-TRP1-pMET3-PKC1*.

21. (Withdrawn) The method according to claim 20 wherein the yeast cells are ZO-126.

22. (Withdrawn) The method according to claim 15 wherein the yeast cells are ZO123 or ZO124 transformed with the *PKC1* gene operatively linked to an inducible promoter.

23. (Withdrawn) The method according to claim 15 for increasing the sedimentation of yeast cells or cell ghosts / debris from a medium within which the yeast cells are grown.

24. (Withdrawn) A method of fermentation comprising growing yeast cells containing the *SRB1/PSA1* gene operatively linked to a heterologous promoter in a growth medium in which *SRB1/PSA1* expression is regulated by the heterologous promoter whereby said cells flocculate.

25. (Withdrawn) The method according to claim 24 wherein the yeast cell is a strain of *Saccharomyces cerevisiae*

26. (Withdrawn) The method according to claim 24 wherein the yeast cell is a strain of *Pichia pastoris*, *Hansenula polymorpha* or *Kluyveromyces lactis*.

27. (Withdrawn) The method according to claim 24 wherein the *SRB1/PSA1* gene or is operatively linked to a methionine regulated promoter.

28. (Withdrawn) The method according to claim 27 wherein the methionine regulated promoter is p*MET3*.

29. (Withdrawn) The method according to claim 28 wherein the *SRB1/PSA1* gene operatively linked to an inducible promoter is derived from the recombinant vector SRB1.9e.

30. (Withdrawn) The method according to claim 29 wherein the yeast cells are ZO-125.

31. (Withdrawn) The method according to claim 29 wherein the yeast cells are FY23*SRB1MET3*.

32 (Withdrawn) A method of fermentation comprising growing yeast cells containing the *SRB1/PSA1* and *PKC1* gene operatively linked to a heterologous promoter in a growth medium in which *SRB1/PSA1* and *PKC1* expression is regulated by the heterologous promoter whereby said cells flocculate.

33. (Withdrawn) The method according to claim 32 wherein the yeast cells contain the *SRB1/PSA1* gene and the *PKC1* gene each operatively linked to a heterologous inducible promoter.

34. (Withdrawn) The method according to claim 32 wherein the cells contain the *PKC1* gene operatively linked to a heterologous inducible promoter and the *SRB1/PSA1* gene operatively linked to a heterologous promoter.

35. (Currently Amended) A yeast cell containing the *PKC1* gene operatively linked to a heterologous inducible promoter selected from the group consisting of:

(i) ZO124 transformed with pRS316-p*MET3-PKC1*, pRS316-F<sub>1</sub>F<sub>2</sub>-p*MET3-PKC1* or pRS316-F<sub>1</sub>F<sub>2</sub>-TRP1-p*MET3-PKC1*;

(ii) ZO123 transformed with pRS316-p*MET3-PKC1* or p*MET3-PKC1* containing fragments ~~derived from~~ of pRS316-F<sub>1</sub>F<sub>2</sub>-p*MET3-PKC1* or pRS316-F<sub>1</sub>F<sub>2</sub>-TRP1-p*MET3-PKC1*; and

(iii) yeast strain ZO-126.

Claim 36 (Cancelled).

37. (Currently Amended) A yeast cell containing the *PKC1* gene operatively linked to a heterologous inducible promoter and the *SRB1/PSA1* gene ~~thereof~~ operatively linked to a heterologous promoter.

38. (Previously Presented) A yeast cell according to claim 35 or 37 wherein the promoter or promoters is/are *pMET3*.